

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re :

Patent No. : 5,610,163
Dated : March 11, 1997
Inventors : Banholzer et al.
For : ESTERS OF THIENYL CARBOXYLIC ACIDS AND AMINO
ALCOHOLS AND THEIR QUATERNIZATION PRODUCTS
Docket No. : 1/844-3-C3



Assistant Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE

JAN 20 2000

OF CORRECTION

REQUEST FOR CERTIFICATE OF CORRECTION

Sir:

It is hereby requested that the enclosed Certificate of Correction for be issued for Patent No. 5,610,163.

Issuance of this Certificate of Correction will correct two errors in the patent, as described below.

(1) On page 1, in the field designated "[73] Assignee", the assignee is improperly designated as being "Boehringer Ingelheim GmbH". The Certificate of Correction will change the name of the assignee to --Boehringer Ingelheim KG--. The improper designation of the assignee is the result of a clerical error on the part of the applicant; The name of the assignee is given improperly on Form PTOL-85B. That Boehringer Ingelheim KG. is properly named as assignee can be determined by reference to the assignment document itself, which has been recorded at Reel 8368 and Frame 0829.

(2) In column 18, in the last line of Claim 6, it is requested that the word "onion" is to be changed to --anion--. This will correct an obvious error which arose in the typesetting of the patent. It should be noted that the word in question is spelled properly in claim 18 (now claim 6), as originally presented in the communication entitled "Preliminary Amendments and Remarks and Information Disclosure Statement" filed August 14, 1995.

APPROVED
As indicated
MAY 4 2000
FOR THE COMMISSIONER OF PAT. & T.O.
Marjette Dwyer

The fee required for submission of this Certificate of Correction under 37 CFR 1.20(a) is supplied by the enclosed Fee Transmittal.



Respectfully submitted,

Alan R. Stempel
Attorney for Applicant(s)
Reg. No. 28,991

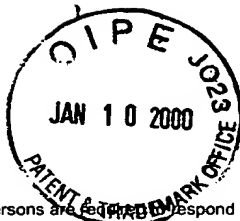
Patent Department
Boehringer Ingelheim Corp.
900 Ridgebury Road
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I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to:

Assistant Commissioner for Patents
Washington, DC 20231

on January 6, 2000.

By: Alan R. Stempel
Reg. No. 28,991



Patent No. 5,610,163

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/17 (12-98)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE**FEE TRANSMITTAL
for FY 1999**

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$ 100.00

Complete if Known

| | |
|----------------------|------------------|
| Application Number | 08/405,111 |
| Filing Date | 03/16/95 |
| First Named Inventor | Banholzer, et al |
| Examiner Name | |
| Group / Art Unit | |
| Attorney Docket No. | 1/844-3-C3 |

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2955
Deposit Account Name _____

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. ☐ Payment Enclosed:
☐ Check ☐ Money Order ☐ Other

FEE CALCULATION**1. BASIC FILING FEE**

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|------------------------|----------|
| 101 760 | 201 380 | Utility filing fee | |
| 106 310 | 206 155 | Design filing fee | |
| 107 480 | 207 240 | Plant filing fee | |
| 108 760 | 208 380 | Reissue filing fee | |
| 114 150 | 214 75 | Provisional filing fee | |

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

Total Claims Extra Claims Fee from below Fee Paid
Independent Claims - 20** = X =
Multiple Dependent Claims - 3** = X =
 =

**or number previously paid, if greater; For Reissues, see below

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|----------------------------|----------------------------|--|
| 103 18 | 203 9 | Claims in excess of 20 |
| 102 78 | 202 39 | Independent claims in excess of 3 |
| 104 260 | 204 130 | Multiple dependent claim, if not paid |
| 109 78 | 209 39 | ** Reissue independent claims over original patent |
| 110 18 | 210 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|--|----------|
| 105 130 | 205 65 | Surcharge - late filing fee or oath | |
| 127 50 | 227 25 | Surcharge - late provisional filing fee or cover sheet. | |
| 139 130 | 139 130 | Non-English specification | |
| 147 2,520 | 147 2,520 | For filing a request for reexamination | |
| 112 920* | 112 920* | Requesting publication of SIR prior to Examiner action | |
| 113 1,840* | 113 1,840* | Requesting publication of SIR after Examiner action | |
| 115 110 | 215 55 | Extension for reply within first month | |
| 116 380 | 216 190 | Extension for reply within second month | |
| 117 870 | 217 435 | Extension for reply within third month | |
| 118 1,360 | 218 680 | Extension for reply within fourth month | |
| 128 1,850 | 228 925 | Extension for reply within fifth month | |
| 119 300 | 219 150 | Notice of Appeal | |
| 120 300 | 220 150 | Filing a brief in support of an appeal | |
| 121 260 | 221 130 | Request for oral hearing | |
| 138 1,510 | 138 1,510 | Petition to institute a public use proceeding | |
| 140 110 | 240 55 | Petition to revive - unavoidable | |
| 141 1,210 | 241 605 | Petition to revive - unintentional | |
| 142 1,210 | 242 605 | Utility issue fee (or reissue) | |
| 143 430 | 243 215 | Design issue fee | |
| 144 580 | 244 290 | Plant issue fee | |
| 122 130 | 122 130 | Petitions to the Commissioner | |
| 123 50 | 123 50 | Petitions related to provisional applications | |
| 126 240 | 126 240 | Submission of Information Disclosure Stmt | |
| 581 40 | 581 40 | Recording each patent assignment per property (times number of properties) | |
| 146 760 | 246 380 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 149 760 | 249 380 | For each additional invention to be examined (37 CFR 1.129(b)) | |

Other fee (specify) Certificate of Correction (1.20(a))

100.00

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 100.00

SUBMITTED BY

Typed or Printed Name

Alan Stempel

Signature

Date

01/06/2000

Complete (if applicable)

Reg. Number

28,991

Deposit Account User ID

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.